



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Shinichiro OMI et al.

Serial No. 09/722,593

Filed November 28, 2000

WIRELESS COMMUNICATIONS SYSTEM

: **Confirmation No. 5233**

: Docket No. 2000_1633A

: Group Art Unit 2663

: Examiner Nittaya Juntima

Mail Stop Amendment

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SUBMISSION OF REPLACEMENT FORMAL DRAWINGS

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Sir:

Enclosed are 18 sheets of formal (A4) drawings (Figs. 1-21).


Respectfully submitted,

Shinichiro OMI et al.

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AMENDMENTS TO THE DRAWINGS

 *Replacement formal drawings of Figures 1-21 are submitted concurrently herewith under a separate cover letter.*

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FIG. 1

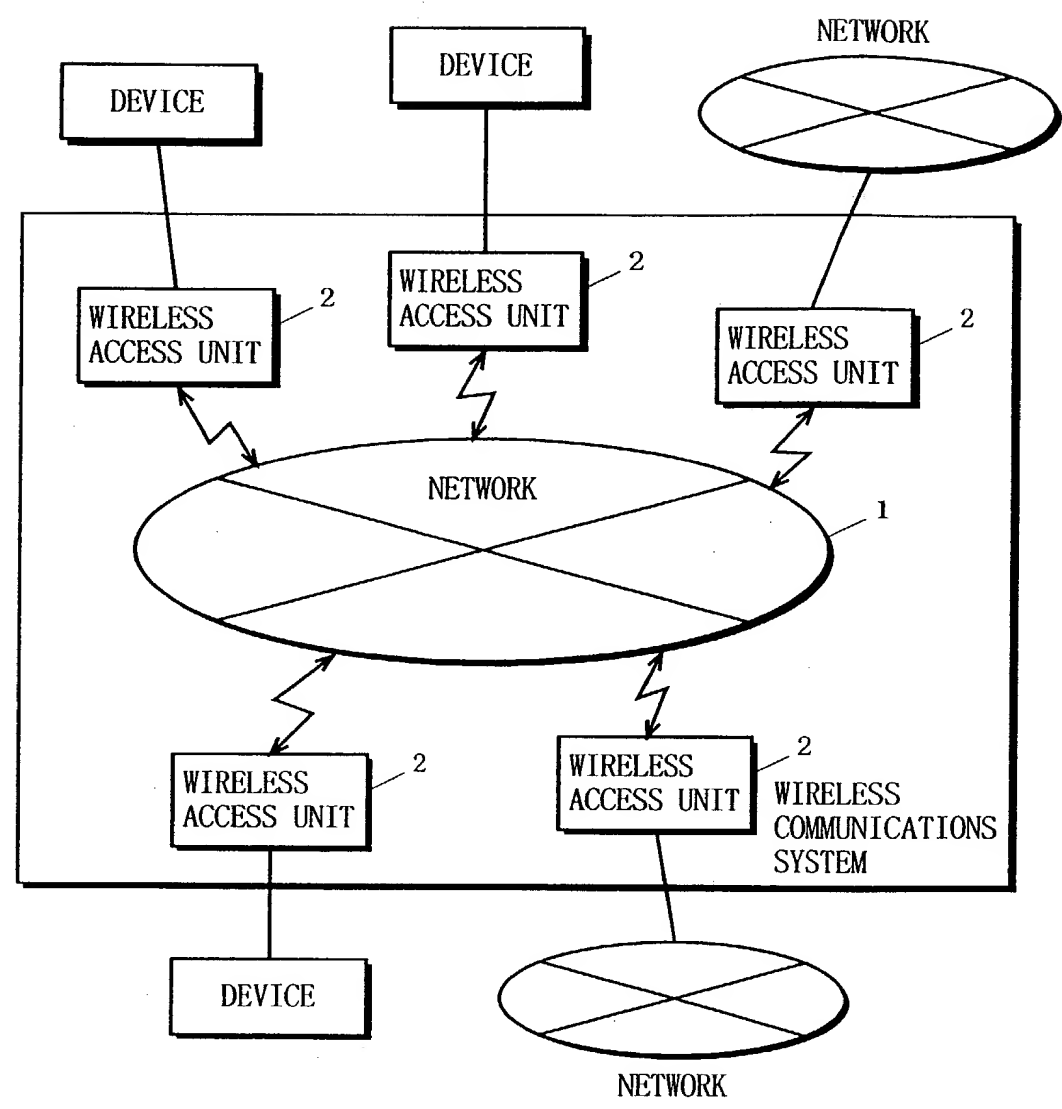




FIG. 2

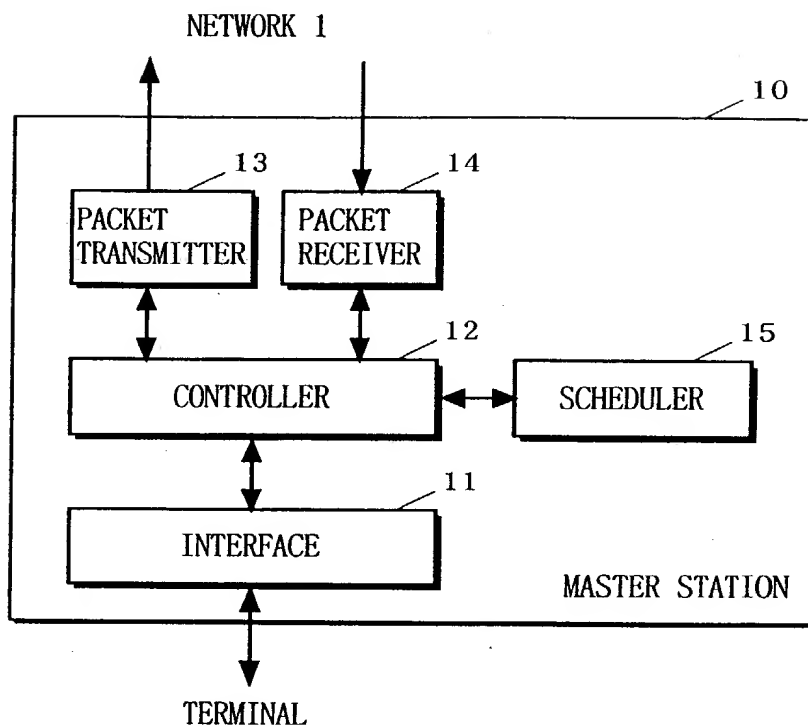
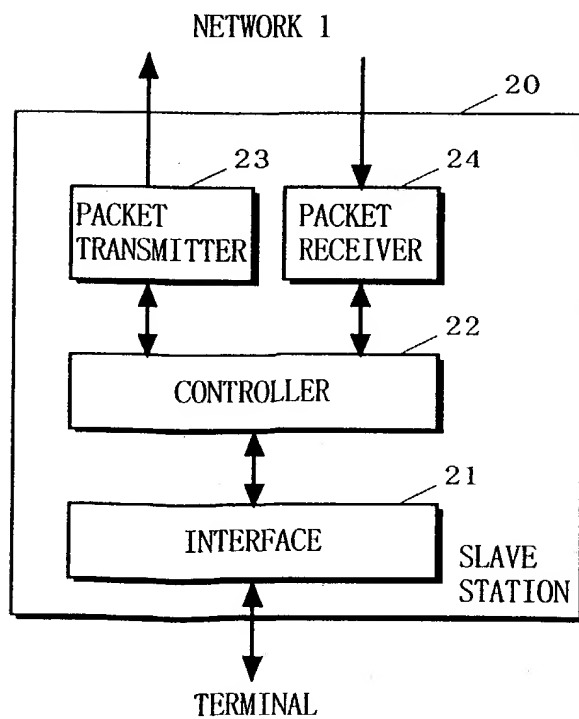


FIG. 3





F I G. 4

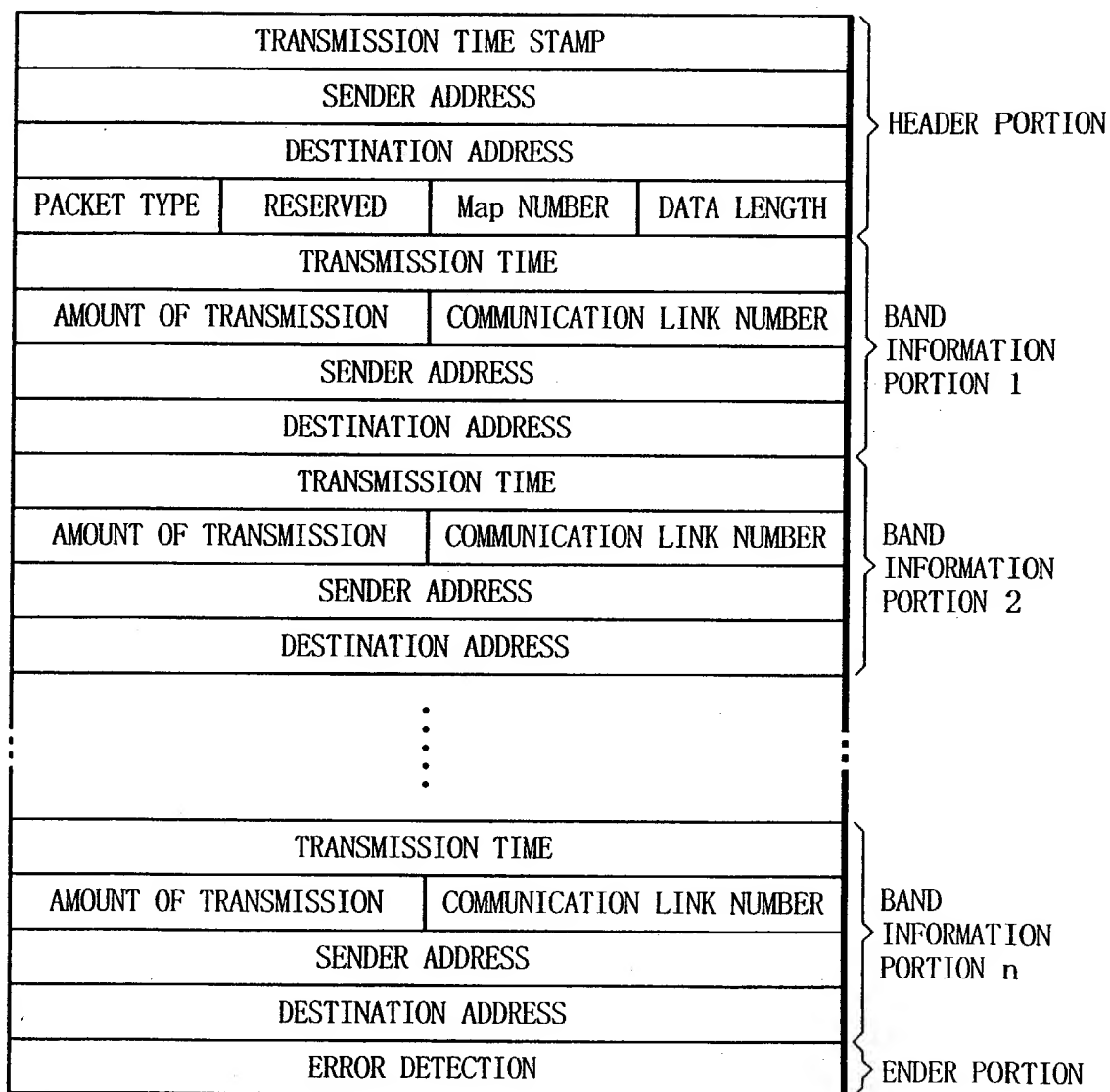




FIG. 5A

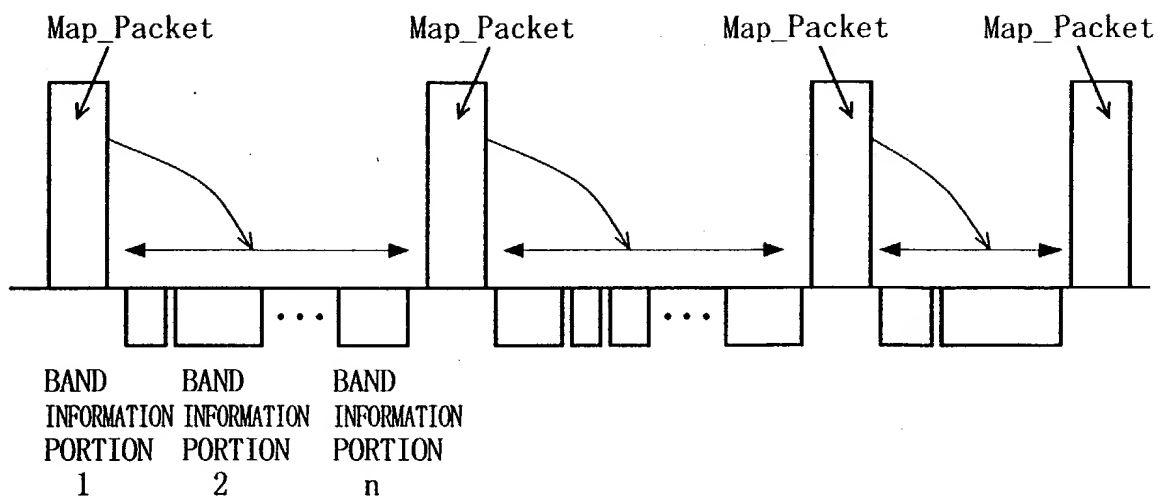


FIG. 5B

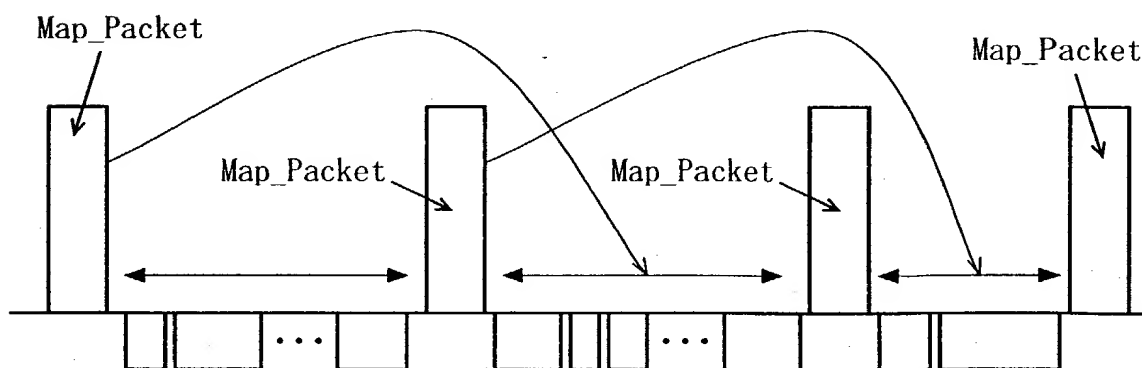




FIG. 6

TRANSMISSION TIME STAMP			}	HEADER PORTION
SENDER ADDRESS				
DESTINATION ADDRESS				
PACKET TYPE	COMMUNICATION TYPE	COMMUNICATION LINK NUMBER	}	COMMUNICATION PARAMETER
SPEED PARAMETER				
PERIOD PARAMETER				
DATA AMOUNT PARAMETER				
PRIORITY PARAMETER				
ERROR DETECTION			}	ENDER PORTION

FIG. 7

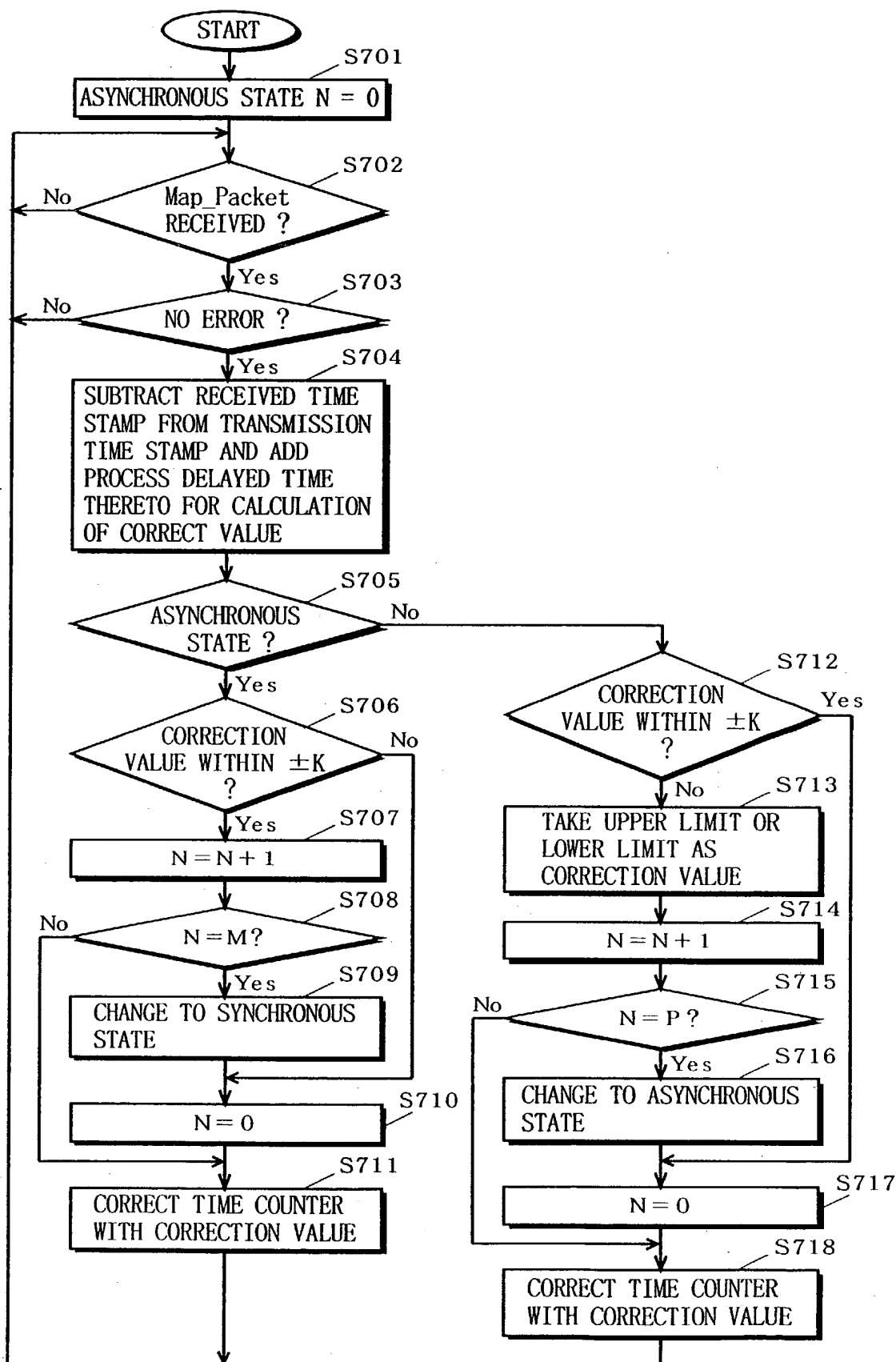




FIG. 8

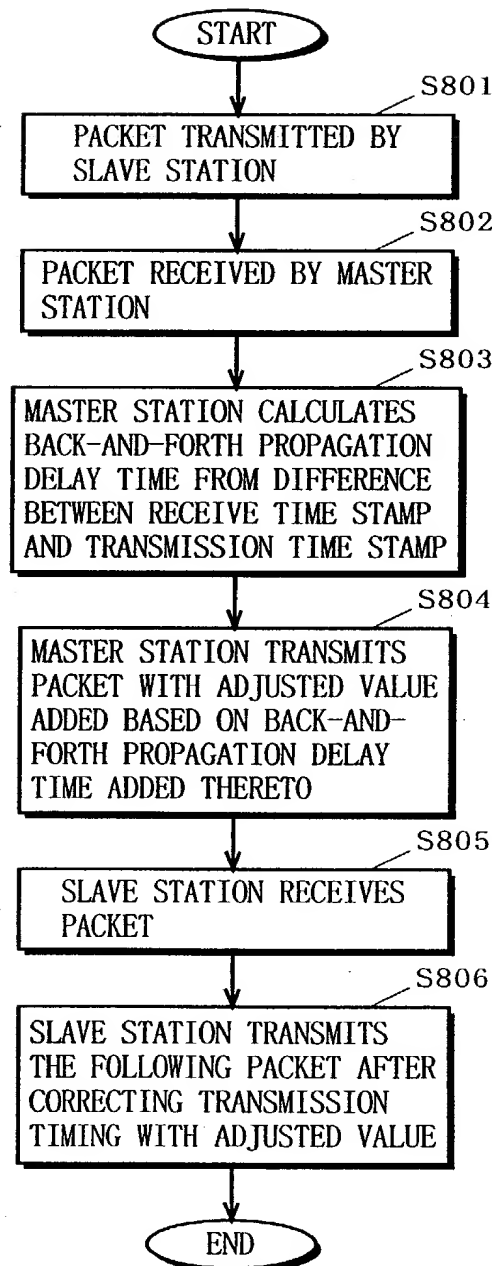




FIG. 9

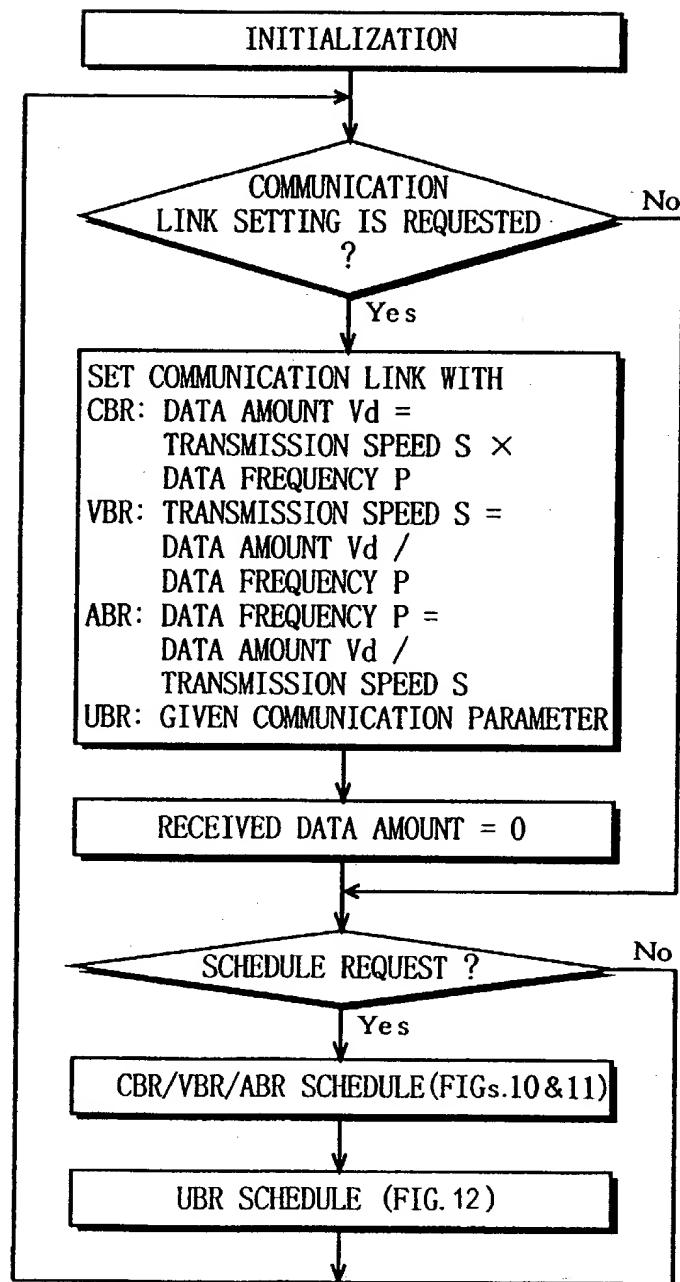


FIG. 10

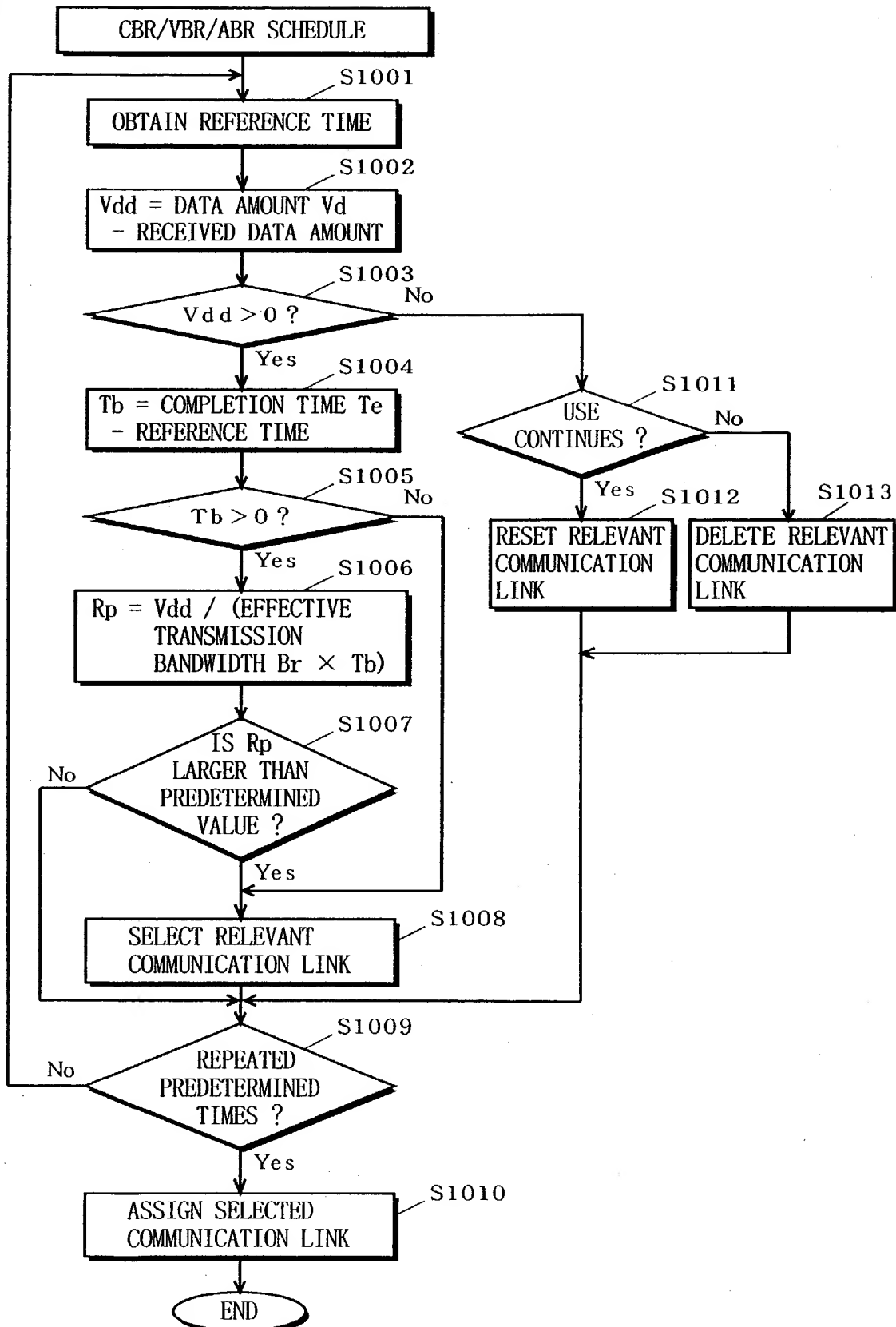


FIG. 11

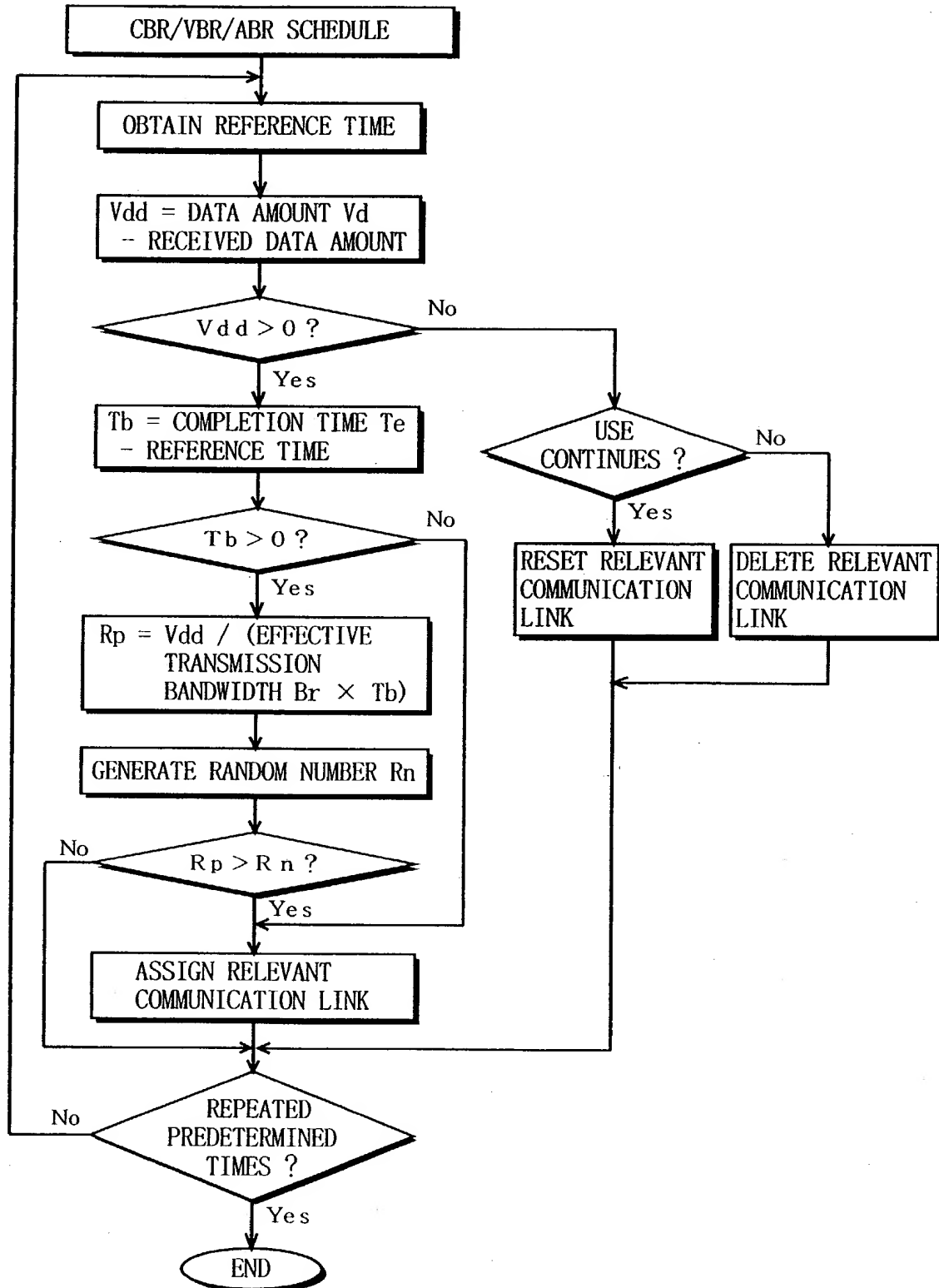


FIG. 12

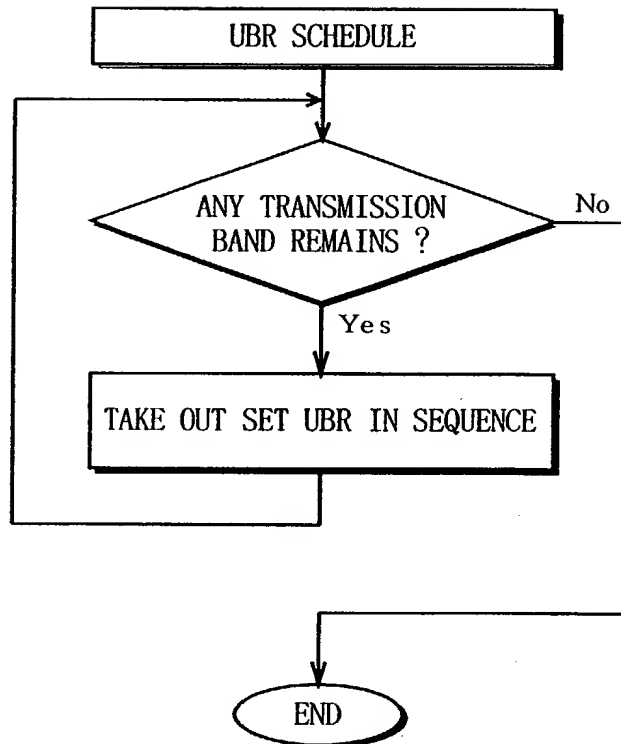




FIG. 13

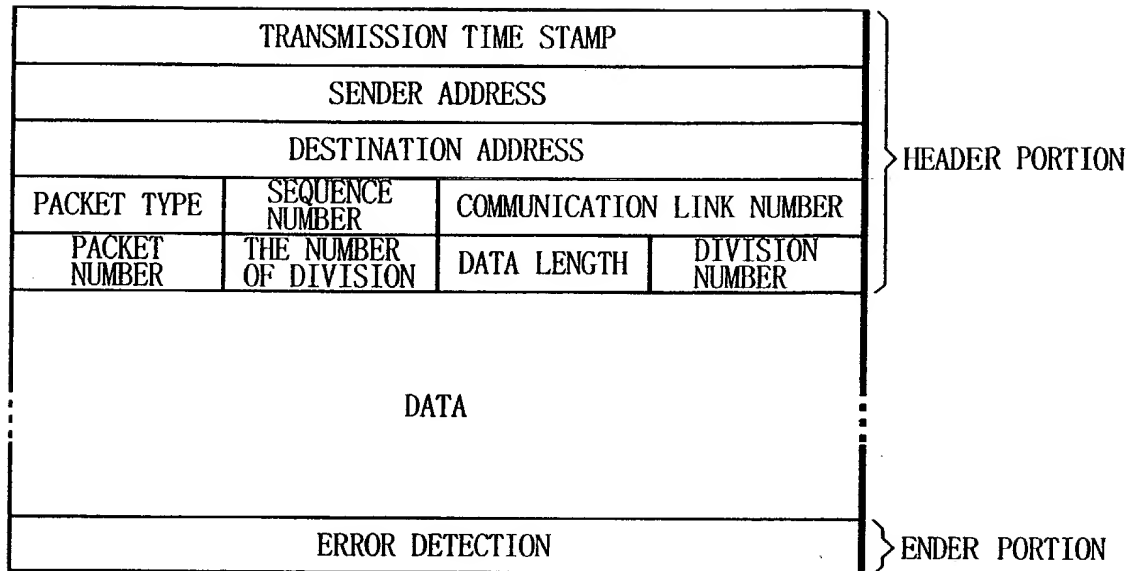


FIG. 14

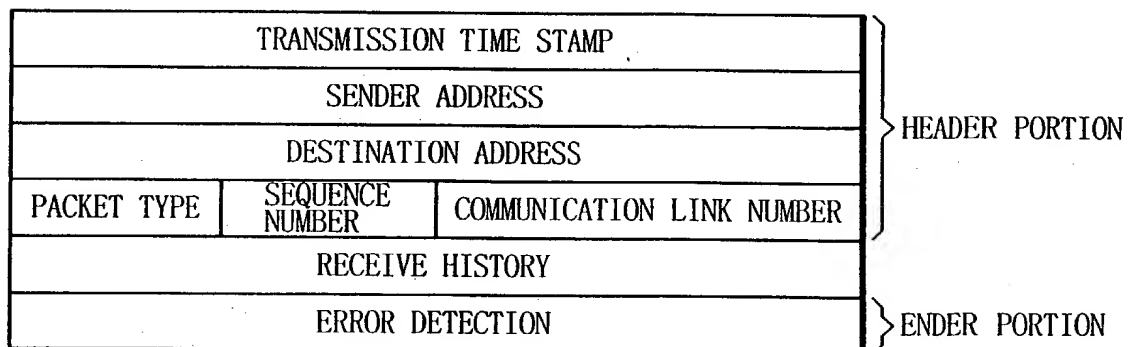


FIG. 15

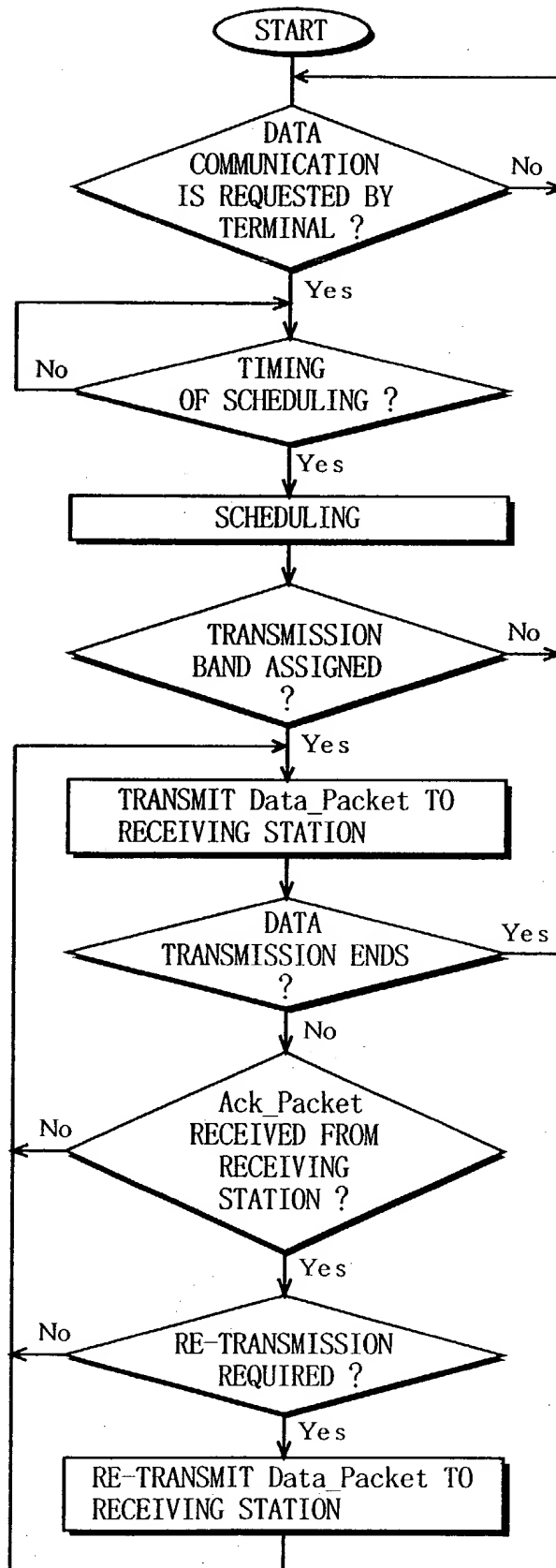
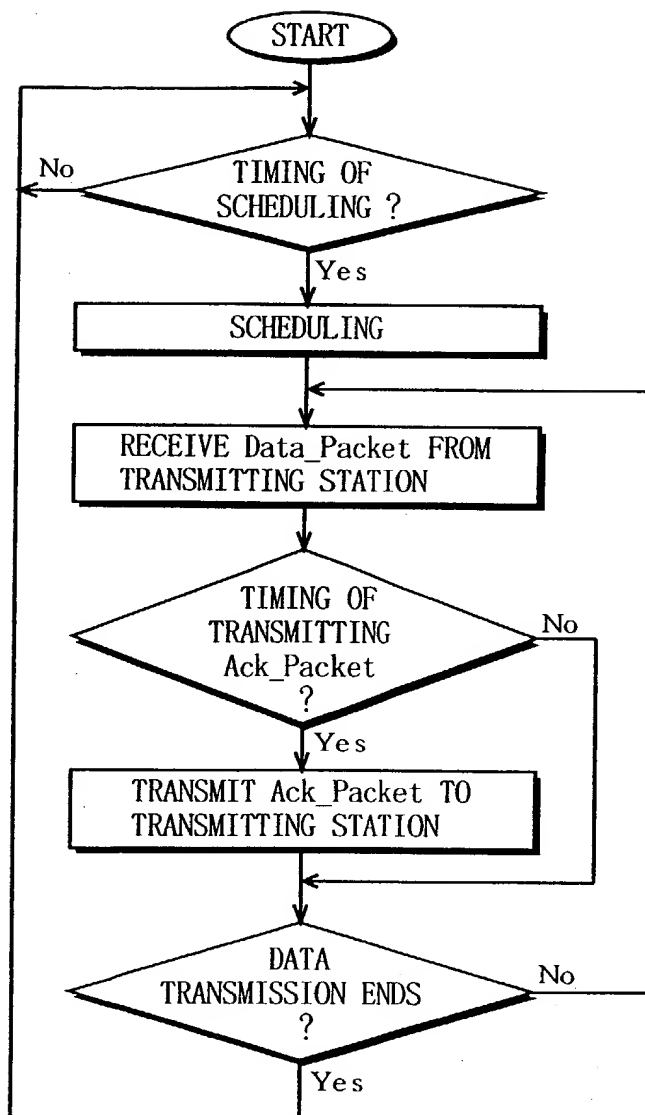




FIG. 16




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graph TD
    Start([START]) --> ReceiveMap[RECEIVE Map_Packet FROM MASTER STATION]
    ReceiveMap --> IsRequested{DATA COMMUNICATION IS REQUESTED BY TERMINAL ?}
    IsRequested -- No --> End([END])
    IsRequested -- Yes --> TransmitRequest[TRANSMIT Request_Packet TO MASTER STATION]
    TransmitRequest --> ReceiveMap2[RECEIVE Map_Packet FROM MASTER STATION]
    ReceiveMap2 --> IsAssigned{TRANSMISSION BAND ASSIGNED ?}
    IsAssigned -- No --> End
    IsAssigned -- Yes --> TransmitData[TRANSMIT Data_Packet TO RECEIVING STATION]
    TransmitData --> IsTransmissionEnd{DATA TRANSMISSION ENDS ?}
    IsTransmissionEnd -- Yes --> End
    IsTransmissionEnd -- No --> ReceiveAck{RECEIVE Ack_Packet FROM RECEIVING STATION ?}
    ReceiveAck -- No --> IsAssigned
    ReceiveAck -- Yes --> IsRetransmissionRequired{RE-TRANSMISSION REQUIRED ?}
    IsRetransmissionRequired -- Yes --> RetransmitData[RE-TRANSMIT Data_Packet TO RECEIVING STATION]
    RetransmitData --> TransmitData
    IsRetransmissionRequired -- No --> IsAssigned

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FIG. 18

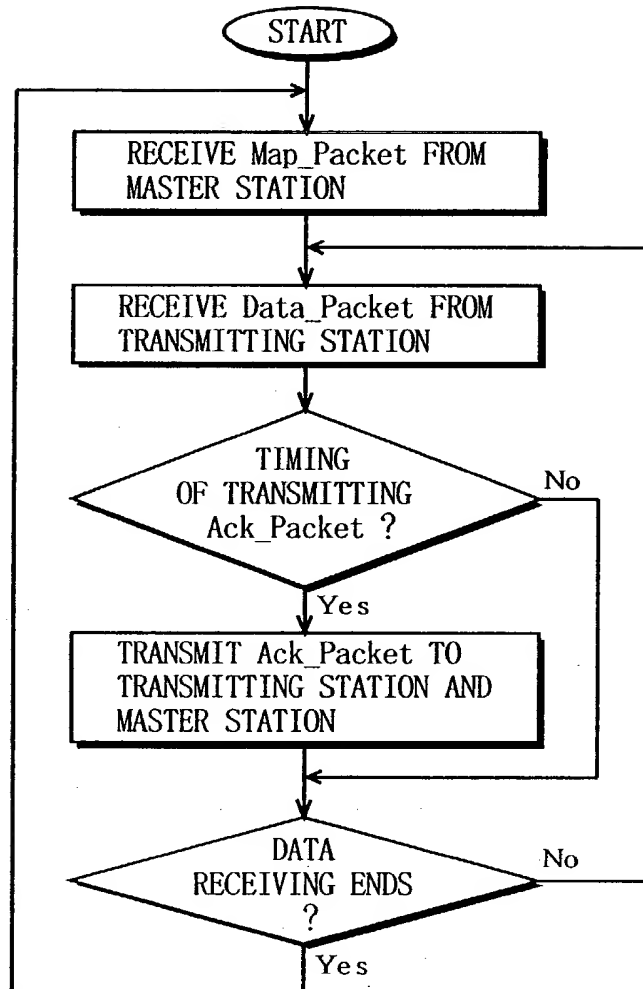




FIG. 19

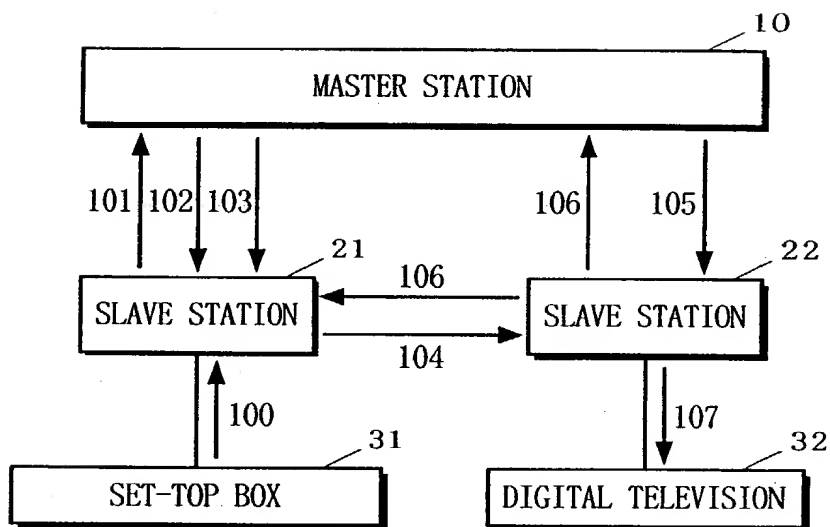


FIG. 20

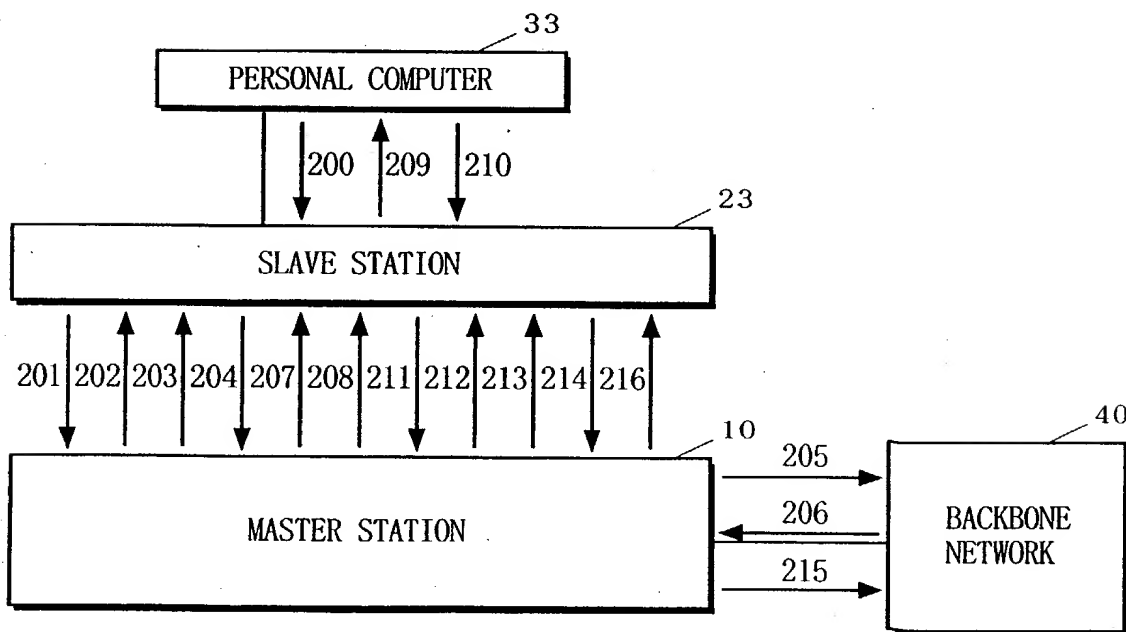




FIG. 21 PRIOR ART

